

DECLARATION, POWER OF ATTORNEY, AND PETITION

I, Ricky Smith, declare: that I am a citizen of the United States; that my residence and post office address is 1902 East Summer Meadows Drive, Sandy, Utah 84093; that I verily believe I am the original, first, and sole inventor of the subject matter of the invention or discovery entitled **CATHODE HEAD WITH FOCAL SPOT CONTROL**, for which a patent is sought and which is described and claimed in the application attached hereto; that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to herein; and that I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint as my attorneys and/or patent agents Keith Askoff, Patent Registration No. 33828, and all attorneys and/or patent agents listed under Customer Number 022913, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

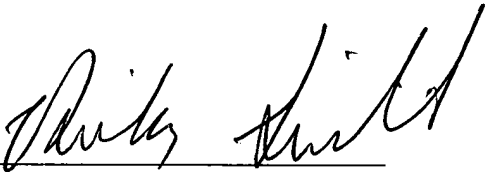
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Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

DATED this 8th day of October, 2003.

Inventor:



RICKY SMITH
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Sandy, Utah 84093